

REPORT

ON THE

HEALTH OF PADDINGTON

FOR THE QUARTER ENDING

LADY-DAY, 1870,

BY WM. HARDWICKE, M.D.,

Medical Officer of Health.

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Vestry Hall; May, 1870.

TABLE I.

SUMMARY OF WEEKLY RETURN OF BIRTHS AND DEATHS from January 8th,
to April 2nd, 1870.

Week ending		ST. MARY'S.		ST. JOHN'S.		TOTALS.	
		Births.	Deaths.	Births.	Deaths.	Births.	Deaths.
January	8	41	33	20	18	61	51
"	15	33	27	19	18	52	45
"	22	35	29	8	13	43	42
"	29	41	25	11	20	52	45
February	5	38	27	11	16	49	43
"	12	38	22	26	15	64	37
"	19	44	22	11	14	55	36
"	26	30	31	21	13	51	44
March	5	41	28	19	25	60	53
"	12	57	33	27	19	84	52
"	19	39	24	17	13	56	37
"	26	28	20	17	12	45	32
April	2	35	46	11	9	46	55
		500	367	218	205	718	572

During the quarter ending April 2nd 572 deaths were registered in the two registration districts,—St. Mary's, 367; St. John's, 205. The births were 718. The deaths are more than 100 in excess of the usual amount.

The deaths from epidemic diseases were 92, or 16.0 per cent. of the whole deaths, being an average of the three last quarters and not in excess of former ones. Ten deaths were from measles, 31 from scarlet fever, 22 from whooping cough, 11 from diarrhoea, 16 from fever. This last item requires explanation: it includes deaths returned as: *gastric* fever 3; *brain* fever 2; *nervous* fever 1; *typhoid* fever 8. I believe there are no true cases of typhus. The typhoid are doubtful and complicated with other diseases.

Deaths from diseases of the respiratory organs this quarter are high; inflammatory diseases of the chest, bronchitis 95, and pneumonia 44,=139, are exclusive of consumption 44. The tubercular diseases, scrofula, marasmus, messenteric disease, tubercular disease of the brain, and water on the brain, account for 28 deaths—all in very young children.

The infant mortality (deaths under 5 years of age being 206) is very high in the Parish; but as a contrast more satisfactory to reflect upon, a very large proportion of deaths are from extreme old age; in 15 deaths recorded from old age—natural decay, 11 of these were upwards of eighty; 20 deaths were from mechanical violence and falls 7, drowning 1, burns and scalds 8, suffocation 1, suicide and infanticide 3.

The Scarlet Fever Epidemic.

Scarlet fever has been severely fatal in the Parish: its presence still lingers. It is to be regretted that we have rarely any official means of knowing where the cases occur until the return of deaths gives information, when it is too late to suggest means for arresting the progress of contagion. Let it not be thought that families of the lower class most suffer by this epidemic of scarlatina. Lancaster Gate, Westbourne Terrace, Craven Road, Cleveland Square, Gloucester Place, Southwick Crescent, Sussex Square, in the rich district of St. John's, have had their victims as well as the overcrowded houses in Woodchester Street, Clarendon Street, Cirencester Street, Dartington Terrace, Carlton and other Mews, in some of which, two or even three children from one house have been taken off. "*Pallida mors æquo pulsat pede pauperum tabernas regumque turres.*"

TABLE II.

DEATHS FROM ZYMOTIC AND OTHER DISEASES during 13 weeks ending April 2nd, 1870.

Weeks. ending	Small-Pox.	Measles.	Scarlatina.	Diphtheria, Quinsy & Croup.	Whooping Cough	Typhus, Infantile and other Fevers.	Carbuncle, Erysipelas and Pyæmia.	Dysentery and Diarrhoea.	Cholera.	Phthisis and Tubercular Dis.	Bronchitis and Pneumonia.	Other Diseases.	Accidents and Violent Deaths.	St. John.	St. Mary.	Total.
Jan. .8	2	...	1	1	...	...	...	5	12	30	...	18	33	51
" 15.	2	...	1	2	1	...	...	9	10	18	2	18	27	45
" 22.	4	...	3	...	...	2	...	7	8	17	1	13	29	42
" 29.	3	1	1	...	1	...	...	6	14	18	2	20	25	45
Feb. 5.	...	2	2	...	...	...	...	...	...	8	12	18	1	16	27	43
" 12.	2	1	..	2	...	1	...	2	9	18	2	15	22	37
" 19.	...	1	1	...	1	3	...	2	...	4	8	14	2	14	22	36
" 26.	2	...	3	...	...	2	...	5	10	22	...	13	31	44
March 5.	...	1	2	...	2	3	1	...	...	5	13	22	4	25	28	53
" 12.	...	1	5	...	2	3	..	...	...	4	12	24	1	19	33	52
" 19.	...	2	6	...	3	...	...	...	..	4	5	15	2	13	24	37
" 26.	...	1	...	...	...	1	..	...	...	5	12	13	...	12	20	32
April 2.	...	2	...	...	5	1	1	4	...	9	15	15	3	9	46	55
	...	10	31	2	22	16	4	16	...	72	140	244	20	205	397	572

TABLE III.

SUMMARY OF SANITARY WORK, Quarter ending April 2nd, 1870.

I.—Inspections consequent on Nuisances, Complaints, and Offensive and Injurious Trades.	{	Houses and Places Inspected with respect to their Sanitary State.....	174
		Orders issued for Sanitary Works	117
		Works done	112
		Works in progress	5
		Inspections of Offensive Trades	11
		„ Mews and Manure Wharves	46
		„ Cow-houses	20
		„ Slaughter-houses	30
		„ Bake-houses	12
		„ Mortuary or Dead-house	10
		„ Provision Markets	13
		„ Churches, Chapels and Schools	4
		„ Factories, Work-rooms and other Public Institutions	11
		„ Small-Pox Conveyance	4
II.—Systematic Sanitary Inspection of Dwellings	{	Houses and Premises visited and inspected	230
		Re-inspections	71
		Orders issued for Sanitary Works	71
		Works executed	93
		Formal Orders issued by the Vestry	2
III.—Attendances upon Magistrates, Surveyor, at the Police, Coroner's Courts, and Licensing Meetings.	{	Attendances	4
		Summonses	1
		For obtaining Summonses	1
		„ hearing „	1
		Letters written	13

Nuisances and Complaints during the last Quarter ending March 26, 1870.

The register book of complaints and nuisances contains 112 cases, which admit of the following classification :—

Defects of drainage and untrapped gulleys.	—
„ „ water supply	16
Dirty state of premises, water closets, urinals, stagnant water, percolations, &c.	22
Offensive trades, marine stores, frying of fish, ammoniacal liquor, bad meat, &c.	2
Overcrowding and bad ventilation	3
Smoke nuisances	1
Animals being dirtily kept, and noises from.	4
Smells from the Canal Basin	1
Accumulation and deposit of manure, garbage, refuse, dust, dung, &c.	41
Smells from decaying and putrid substances.	3
Defective cleansing of Roadways	0
Dead-house visits	10
Miscellaneous other complaints	9
	<hr/> 112 <hr/>

TABLE IV.

MORTALITY OF THE PARISH OF PADDINGTON during the Quarter ending
April 2nd, 1870.

Causes of Death.	Ages.							Total.	Causes of Death.	Ages.							Total.							
	Under 5 Years.	5 and under 20	20 and under 40	40 and under 60	60 and under 80	80 and above	Under 5 Years.			5 and under 20	20 and under 40	40 and under 60	60 and under 80	80 and above										
I. ZYMOTIC.									Brought forward									172	30	55	71	91	25	444
Order 1—MIASMATIC.									Order 4—ORGANS OF DIGESTION.															
Small-pox	Cancer of Stomach and Esophagus	3	1	1	5								
Measles	10	..	..	..	..	..	10	31	Gastritis .....	..	..	..	..	..	..	..	
Scarlatina	20	10	..	1	..	..	31	4	Enteritis	1	..	..	..	..	..	..		
Diphtheria	1	..	..	..	..	..	1	22	Perforation of Intestines ..	..	1	..	..	1	..	2		
Croup	4	..	..	..	..	..	4	16	Hernia .....	..	..	..	..	2	1	3		
Whooping Cough	23	..	..	..	..	..	22	1	Gall Stone .....	..	..	..	..	1	..	1		
Fever	1	3	8	4	..	..	16	4	Icterus .....	..	..	1	2	..	..	3		
Acute Rheumatism .....	..	..	1	..	..	..	1	1	Abdominal Tumor .....	..	..	..	..	1	..	1		
Erysipelas and Pyæmia ..	2	..	1	1	..	..	4	2	Diseases of Liver .....	..	..	..	3	1	..	4			
Mæria (Puerperal Fever) ..	..	..	1	..	..	..	1	9	" " Spleen .....	..	..	..	..	1	..	1		
Anthrax .....	..	..	..	..	..	..	..	..	Cirrhosis .....	..	..	..	1	1	..	2		
Dysentery	1	..	..	1	..	..	2	..	Cancer of Liver .....	..	..	..	1	1	..	..						
Diarrhœa	5	..	1	1	1	1	9	..																
Cholera .....	..	1	..	..	..	..	..	..										
Order 2—ENTHETIC.									Order 5—URINARY ORGANS.															
Syphilis	3	..	1	..	..	..	4	..	Nephritis	1	..	1	2	2	..	5					
Hydrophobia .....	..	..	..	..	..	..	..	..	Disease of Kidneys .....	..	2	1	..	..	..	3		
Order 3—DIETIC.									Order 6—UTERUS AND OVARIES.															
Privation .....	..	..	1	..	1	..	1	..	Disease of Bladder .....	..	..	..	..	..	..	..	
Want of Breast Milk ..	3	..	..	..	..	..	3	..	Bright's Disease .....	..	..	1	2	..	..	3		
Purpura .....	..	..	1	..	..	..	1	..	Albumenuria .....	..	2	1	2	..	..	5		
Alcoholism:—									Diabetes .....	..	..	2	1	1	..	4						
a. Del. Tremens	1	2	3	..	Order 7—ORGANS OF LOCOMOTION.															
b. Intemperance ..	..	..	..	..	..	..	..	..	Disease of Bones .....	..	1	..	..	..	..	1		
Lead Poisoning .....	..	..	..	..	..	..	..	..	Ovarian Dropsy .....	..	..	..	..	1	..	1		
Order 4—PARASITIC.									Order 8—INFECTUM.															
Thrush .....	..	..	..	..	..	..	..	..	Disease of Womb .....	..	..	..	1	..	..	1		
									Cancer " " .....	..	..	..	..	2	..	2				
II. CONSTITUTIONAL.									Order 7—ORGANS OF LOCOMOTION.															
Order 1—DIATHETIC.									Order 8—INFECTUM.															
Gout .....	..	..	..	1	..	..	1	8	Disease of Bones .....	..	1	..	..	..	..	1		
Dropsy .....	..	..	1	1	2	4	8	2	Order 8—INFECTUM.	1	..	..	..	..	..	1		
Hæmorrhage .....	..	1	1	..	..	..	2	..	Phlegmon, Gangrene ..	..	..	..	1	1	..	2		
									Gangrene .....	..	..	1	1	..	..	3				
									Abscess .....	..	1	1	1	..	..	..					
Order 2—TUBERCULAR.									IV. DEVELOPMENTAL.															
Marasmus	9	..	..	..	..	..	9	..	Order 1—OF CHILDREN.										
Scrofula	2	..	..	..	..	..	2	..	Premature Birth	7	..	..	..	..	..	7		
Tabes Mesenterica	3	..	..	..	..	..	3	..	Malformation of the Heart	1	1	..	..	..	..	1		
Consumption	5	6	10	19	4	..	44	12	Other Malformations ..	4	..	..	..	..	..	4			
Hydrocephalus	9	3	..	..	..	..	12	2	Teething	7	..	..	..	..	..	7		
Tuberculous	2	..	..	..	..	..	2	..											
III. LOCAL.									Order 2—OF ADULTS.															
Ord.1—NERVOUS SYSTEM									Childbirth .....	..	..	2	..	..	..	2			
Disease of Brain	1	..	1	1	1	..	4	..	Order 3—OF OLD PEOPLE.															
Apoplexy .....	..	..	..	5	12	7	17	..	Old Age, natural decay ..	..	..	..	..	4	11	15		
Paralysis	2	7	6	15	..	Order 4—DISEASES OF NUTRITION.															
Epilepsy .....	..	..	1	..	1	..	2	..	Atrophy	2	..	..	..	..	..	2		
Convulsions	8	..	..	..	..	..	8	..	Exhaustion, inanition ..	5	..	..	1	..	..	6		
Effusion of Blood	V. VIOLENT DEATHS.															
Other Diseases .....	..	..	..	..	..	..	..	..	Order 1—ACCIDENTS AND NEGLIGENCE.									
Order 2—ORGANS OF CIRCULATION.									Fractures & Falls	3	3	1	..	7
Pericarditis .....	..	..	1	1	..	..	2	..	Chloroform .....	..	..	..	..	..	..	..	
Aneurism .....	..	..	1	2	1	..	4	..	Burns and Scalds	4	1	1	..	1	1	8						
Disease of Heart .....	..	2	8	4	10	2	26	..	Drowning .....	..	..	..	1	..	..	1		
Fatty Heart .....	..	..	1	2	3	..	6	..	Suffocation	1	..	..	..	..	..	1		
Embolism	1	1	..	Order 2.—HOMICIDE.															
Order 3—ORGANS OF RESPIRATION.									Infanticide by Suffocation									1	1	
Laryngitis	Suicides	1	1							
Laryngismus	9	9	..	Poisoning	1	1							
Bronchitis	28	1	6	14	37	9	95	..	No Specified Cause							
Pleurisy	1	1	..	TOTALS									206	39	74	100	114	39	572
Pneumonia	22	2	5	4	8	3	44	..																
Other Diseases	2	..	2	2	2	..	8	..																
Asthma	1	3	2	..	6	..																
Carried forward	172	30	55	71	91	25	444	..																

TABLE V.

LOCALITIES in which Deaths from Zymotic and other Diseases have been recorded during the Quarter ending April 2nd, 1870.

Streets, Districts and Hospitals.	Small-Pox.	Measles.	Scarlet Fever.	Diphtheria, &c.	Whooping Cough.	Typhus & other Fevers.	Erysipelas, &c.	Diarrhoea, &c.	Phthisis, &c.	Bronchitis, Pneumonia, &c.	Violent Deaths.	Other Diseases.	TOTAL.
St. Mary's Hospital	1	..	..	1	..	..	2	9	13	30	56
Paddington Workhouse	2	..	..	..	1	..	..	2	10	1	25	41
Lock Hospital	1	1
Praed Street, including (1)	3	1	..	..	2	..	..	4	8	..	8	26
Harrow Road & N. W. Road (2)	1	2	..	2	2	..	..	5	20	..	8	40
Hall Park District (3)	3	..	..	1	..	1	6	7	..	8	26
Amberley Road District (4)	1	..	1	1	..	1	..	6	..	2	12
Kilburn District (5)	1	9	..	2	..	..	..	3	5	..	7	27
Clarendon Street	1	..	..	..	..	..	..	3	..	5	9
Woodchester Street	2	..	..	..	1	5	..	3	11
Cirencester Street	1	1	..	..	..	3	4	..	4	13
Brindley Street	1	2	2	2	3	9	1	7	27
Hampden Street, &c. (6)	1	..	..	1
Westbourne Terrace North, &c. (7)	1	..	..	..	..	1	1	3	..	3	9
Woodfield Road, &c. (8)	1	2	..	..	..	1	5	3	1	4	17
Moscow Road, Salem Gardens, &c. (9)	3	..	3	6
Squares and Mansions (10)	4	..	3	2	1	3	8	9	..	30	60
Mews and Stables	2	..	1	..	11	14	1	9	38
Other Places, including (11)	3	7	2	8	4	..	2	16	21	5	82	152
TOTALS.....	..	10	31	5	22	16	4	11	72	140	22	239	572

- [1.] South Wharf Road, Union Street, Stanley Street, Francis Street, Cambridge Street, Market Street, Sale Street, Star Street, Bouverie Street, York Row, Titchborne Street.
- [2.] Edgware Road, Church Place, Hermitage Street, Dudley Street, Kent's Place, Willing's Place, Victoria and Albert Street, Green Street, North Wharf Road, Iron Gate White Lion Passage, Edgware Place.
- [3.] Hall Place, Cuthbert Street, Howel Street, Charlotte Place, Old Church Street, Crompton Street, Braithwaite Place, Campbell Street.
- [4.] Netley Street, and Amberley Wharves.
- [5.] Andover Place, Kilburn Park Road, Queen's Arms Yard, Elgin Terrace, Maida Valc, Carlton Place, Canterbury Terrace, Lanark Villas.
- [6.] Alfred Road, Waverley Road, Orchard Street.
- [7.] Senior Street, Emily Street, Philip Terrace, Dartington Terrace, Hasboro' Street Ranelagh Road.
- [8.] Woodfield Place, Windsor Gardens and Street, John Street, Chippenham Terrace, Frankfort Terrace, Elgin Road, Kensal New Town, Carlton Terrace, Goldney Road, Kensal New Town.
- [9.] Douglas Place, Caroline Place, Bark Place, Poplar Place, Chapel Side.
- [10.] Westbourne-Ter., Gloucester-Pl., Porchester-Ter., Craven Hill and Gardens, Lancaster Gate, Hyde-Pk.-Sq., Hyde-Pk.-Gar., Inverness-Ter., Queensboro'-Ter., Cleveland
- [11.] Houses in Streets not under special inspection, inhabited generally by one family only.

TABLE VI.

SYSTEMATIC HOUSE TO HOUSE INSPECTION.

The completed results of Systematic Sanitary Inspection this quarter enabled me to give details of the following Streets in the Hall Park Estate, which are herewith appended.

Streets Inspected Systematically.	No. of Houses Inspected.	No. of Holdings.	No. of Rooms.	No. of Adults.	No. of Children.	Average No. of persons living in each house.		Total No. of Inhabitants in the Streets.	Average Cubic Space in each House.	Average Cubic Space for each person.	Cubic Space of Dwelling.	Doors, Windows, Chimneys.	Defects in Water supply.	Defects in W.C. Apparatus.	Defects in Traps & Drains.	Defects in Cleansing of Houses.		No. of Sanitary Orders issued.
						each house.	room.									Yards.	Houses.	
Hall Place	116	370	694	712	451	10.0	1.6	1163	6920 6360 3960	634.4	737,820	2 . 10 . 6	2	23	10	18	4	45
Cuthbert Street	26	76	166	180	76	9.8	1.5	256	7353	746.7	19,078	2 . 8 . 6	..	1	5	6	4	2
Hethpool Street	47	187	297	351	192	11.5	1.8	543	6936	600.3	325,992	2 . 8 . 6	..	..	15	3	2	39
Howell Street	21	68	118	121	78	9.4	1.6	199	7149	744.3	149,129	3 . 10 . 8	..	2	3	5	3	12
Crompton Street	22	65	113	155	67	8.2	1.6	182	5744	694.2	126,348	2 . 9 . 7	..	1	6	3	3	14
Campbell Street	34	28	217	257	177	12.7	2.0	434	7333	574.4	249,322	2 . 8 . 6	..	1	13	5	4	..
Braithwaite Place	11	48	66	87	46	12.0	2.0	133	5840	407.7	64,240	2 . 8 . 6	..	4	2	1	..	6
Hall Place West	8	12	32	29	15	5.5	1.3	44	4224	768.0	33,792	2 . 6 . 5	..	4	3	2	..	4
Charlotte Place	9	12	24	29	32	6.7	2.5	61	2351	346.5	21,159	2 . 4 . 4	..	1	..	1	..	2

This group of streets and houses are mostly inhabited by persons engaged in daily work away from home. There are some small tradesmen, the necessary provision shops, and one public house in the middle of the estate. Epidemic maladies have from time to time been recorded, inspection has been made forthwith, and orders given for disinfection, and occasionally for removal to hospital. These houses have been built within 15 years, and are of nearly uniform size and construction ; most are let out to weekly lodgers ; some are overcrowded slightly ; but the sanitary effects are not numerous. The drainage is tolerably good. The opening of St. Mary's Church-yard will be a great advantage to more than 3000 persons living in this crowded locality, which indeed has only outlets on the East side, being enclosed on three sides. The thoroughfare into the Church-yard from the corner of Cuthbert Street ought to be opened at once.

How Scarlet Fever is propagated.

Family washing is often sent to poor women whose circumstances are not such as to enable them to do it with safety. Some of the members of a family of this description are "down with the fever;" the infection is by this means introduced into a healthy household with the clean linen. It should always be ascertained what conveniences exist for washing and drying. If the family linen has to be washed, dried and ironed, as it frequently must be, in the close atmosphere of a room, in a crowded dwelling, it may catch and retain the organic particles which are capable of carrying disease into the mansions of the rich. Tailor's work is often done at home when scarlet fever and measles are present, and nothing more readily absorbs and carries the contagious matter than woollen articles. Another example recently came under my notice. A lad went out on trial as an apprentice, and was put into the same bed, which had latterly been slept in by another lad who had just gone away with scarlet fever. He caught the disease, and was sent home to his friends. These and other unsuspected ways in which infectious diseases are conveyed, are cogent arguments of themselves, to show the necessity of an establishment where personal ablution, washing and cleansing of linen, and the disinfecting operations can be safely and efficiently carried on. My recommendation is that Public Baths and a Laundry will in every way meet the public requirements. Such an establishment has long been wanting in this Parish. See further remarks in my Annual Report for 1869-70.

A Public Disinfecting Establishment.

The want of a proper place, where infected clothes, bedding, linen and woollen things could be removed to be purified and disinfected, has been very seriously felt, and expressions of surprise are not unfrequently made to me that no provision has yet been made to meet this want.

On the 20th of January, the Committee, to whom the question of providing a Disinfecting Establishment was referred, reported to the Vestry that the most fit and proper place for such an establishment was the North End of the Burial Ground contiguous to Manor Place. As a Public Mortuary and Deadhouse had been previously recommended, and the closed Burying Ground was to be improved and opened, it was suggested that all objects might be combined at an additional expense of about £300 for fittings and appliances. This recommendation has not meet with an approval by the Vestry, therefore the matter stands over for future consideration, both with respect to the Public Mortuary and a Public Disinfecting Establishment. The improvements of the old closed Burying Ground are now nearly completed and it is ready for opening to the Public.

The Workshop Regulation Act.

Upwards of fifty shops and work-rooms of dress makers and milliners are under occasional inspection, in which above four hundred young women are employed—none of the provisions of the Act are known to be infringed, although anonymous communications and letters from a Mr. Baines, have hinted at persons who evaded the law, and that night work has been suspected in one or two cases. I have always investigated these complaints, and have the authority of the Sanitary Committee, as well as instructions from the Inspector of Factories, to attend to any violation of the provisions of this Act.

The Ragged School in Church Place.

A Report on the state of this School and premises was made in March. The rooms were found to be defective, both in regard to construction and cubic space. Great improvements are now being carried out under the advice and direction of the District Surveyor. This School has been in an overcrowded state for some time, and many complaints of children taking from, or carrying to this School spreading diseases, have come to my knowledge. The most perfect ventilation and personal cleanliness ought to be insisted upon by the Committee of the School to prevent contagious diseases spreading to the houses of a class of parents who, as a rule, occupy only one room.

The following Publications and Papers in relation to Public Health have been received during the last Quarter:—

- Notes on Sanitary Reform, by a Sanitarian : T. Kerslake, Bristol.
- Observations on the Contagious Diseases Act : by C. B. Taylor M.D., &c., Nottingham. Report of John Simon, Medical Officer of Privy Council.
- Speech of Dr. Lyon Playfair, C.B., M.P., &c. in the House of Commons on May 24, 1870, during the sitting with closed doors.
- What shall we teach? or Physiology in Schools ; instruction the Law of Life as a branch of general Education : by E. Lankester, Esq. M.D. F.R.S. &c. Groombridge and Sons, 1870.
- Can Infanticide be diminished by legislative enactment? by E. Lankester, M.D.
- Dr. G. Wilkinson on Compulsory Vaccination ; Vaccination, G. C. B. Pearse, M.D.
- Some Remarks on the Physiology and Medical Aspects of Sewage Irrigation : by Alfred Carpenter, M.D., Croydon.
- Lés Cites ouvrières de mineurs : par La Simonin Ingenieur des Mines, &c.
- Travail des enfans dans les manufactures : M. de Wolowski, Member, de l'Institute, Paris.
- On the cleansing of Newcastle-upon-Tyne : by John Fulton, C.E. Borough Engineer. London Water Supply : by John Taylor, C.E.
- What shall we do with our Refuse? A discussion on the Sewage question : by H. Simpson, M.D.
- Ueber Entwässerung der Städte ; ueber Werth und unwerth der Wasser-clossette, von Geo. Warrenttrapp, Berlin.
- Monthly, Weekly and Quarterly Returns of Deaths in Scotland and England.